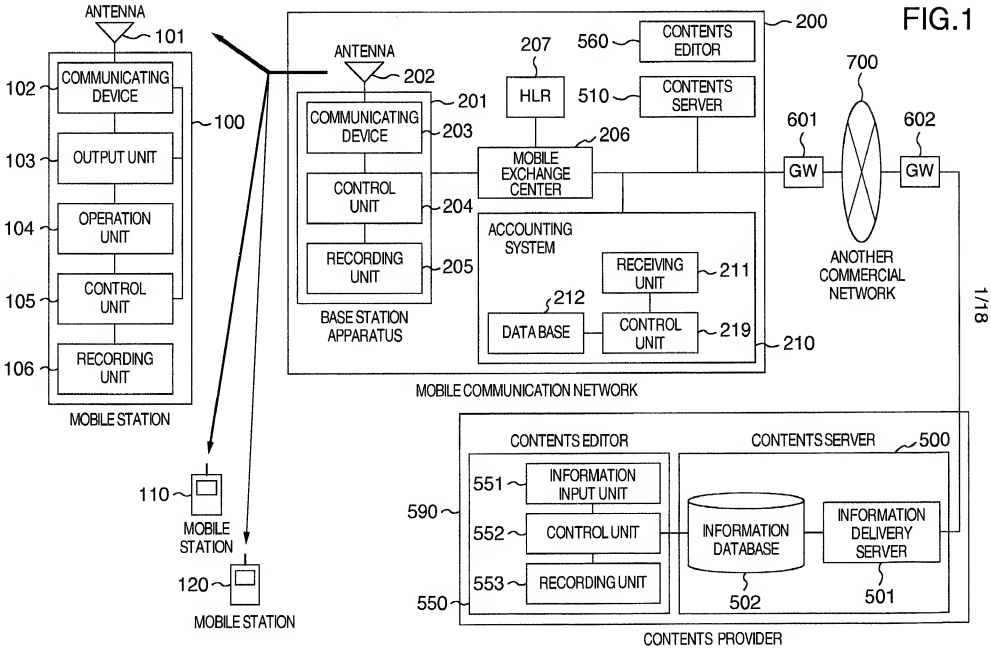
T09070*E9266860

FIG.1



1/18

E 6502

FIG.2

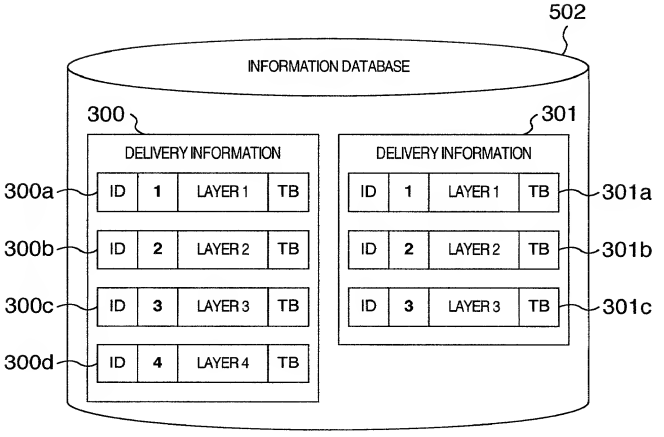

502
INFORMATION DATABASE
300
DELIVERY INFORMATION
ID 1 LAYER 1 TB
ID 2 LAYER 2 TB
ID 3 LAYER 3 TB
ID 4 LAYER 4 TB
300a
300b
300c
300d
301
DELIVERY INFORMATION
ID 1 LAYER 1 TB
ID 2 LAYER 2 TB
ID 3 LAYER 3 TB
301a
301b
301c

FIG.3

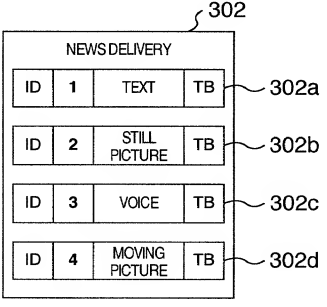
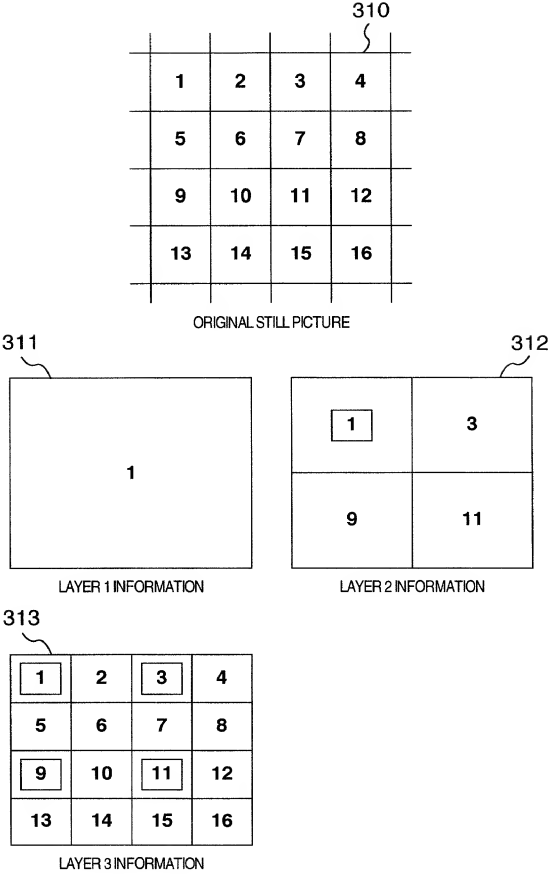

302
NEWS DELIVERY
ID 1 TEXT TB
ID 2 STILL PICTURE TB
ID 3 VOICE TB
ID 4 MOVING PICTURE TB
302a
302b
302c
302d

FIG.4



0988926 "07060"

FIG.5A

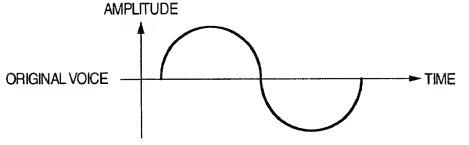


FIG.5B

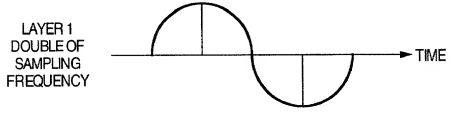


FIG.5C

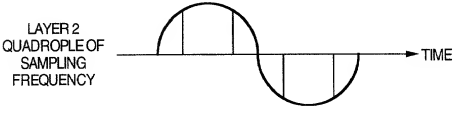


FIG.5D

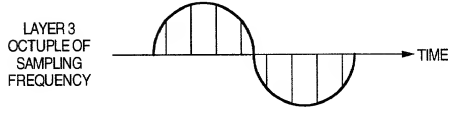


FIG.5E

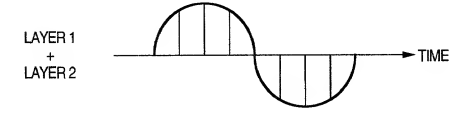
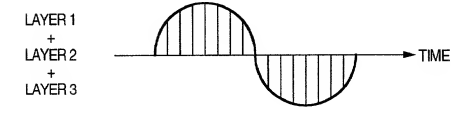
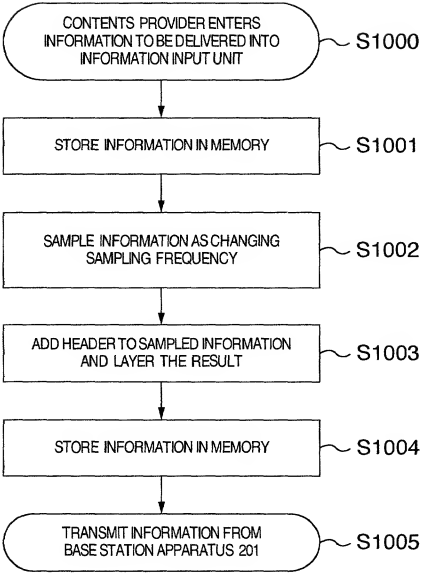


FIG.5F



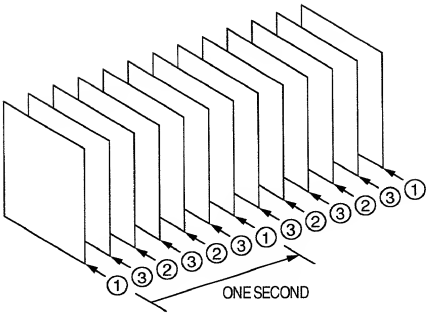
0988992253E3"0760101

FIG.6



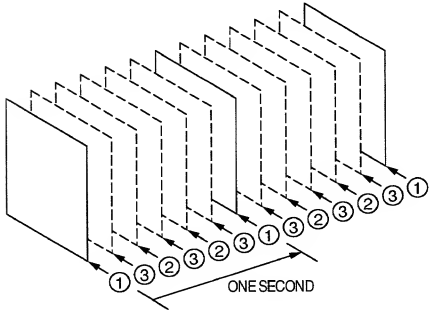
0998253.070501

FIG.7A



ORIGINAL PICTURE

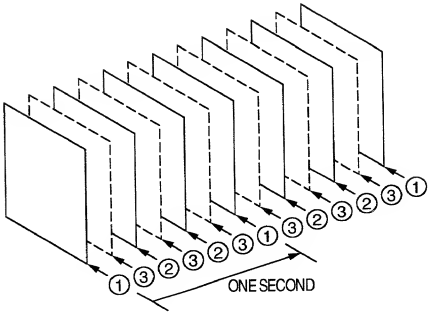
FIG.7B



ONLY LAYER 1 RECEIVED

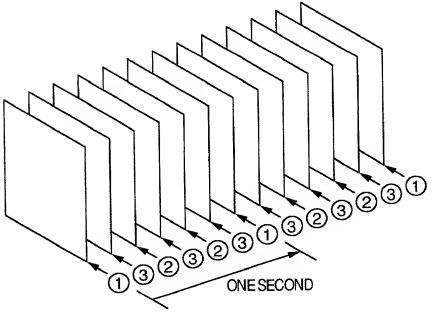
0988922 53 "07/06/01

FIG.7C



LAYERS 1 AND 2 RECEIVED

FIG.7D



THREE LAYERS RECEIVED

09896263.070501

D0890263 "070601

FIG.8

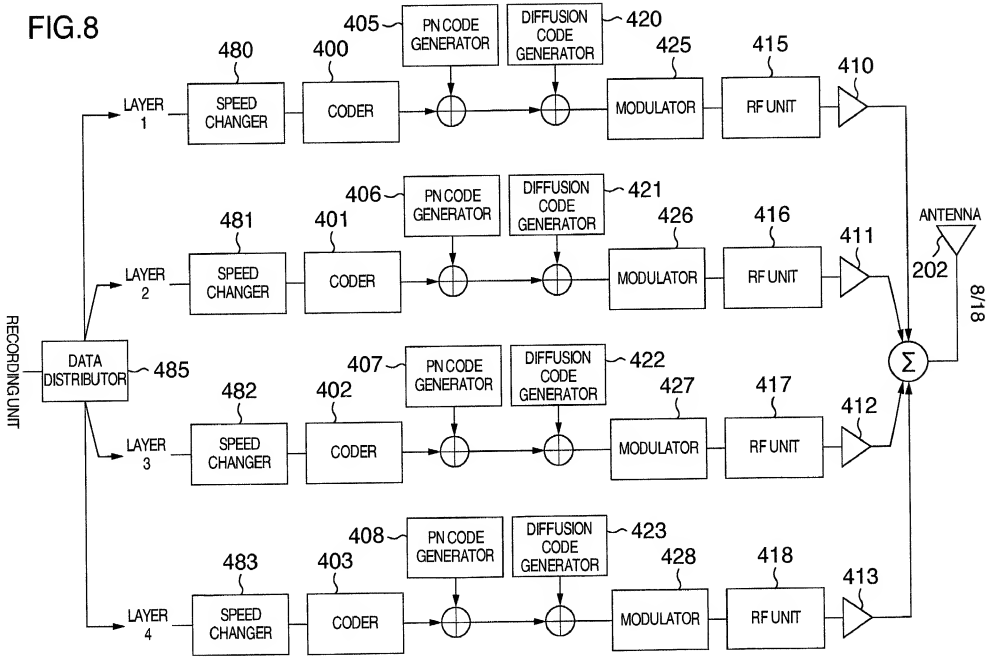


FIG.9

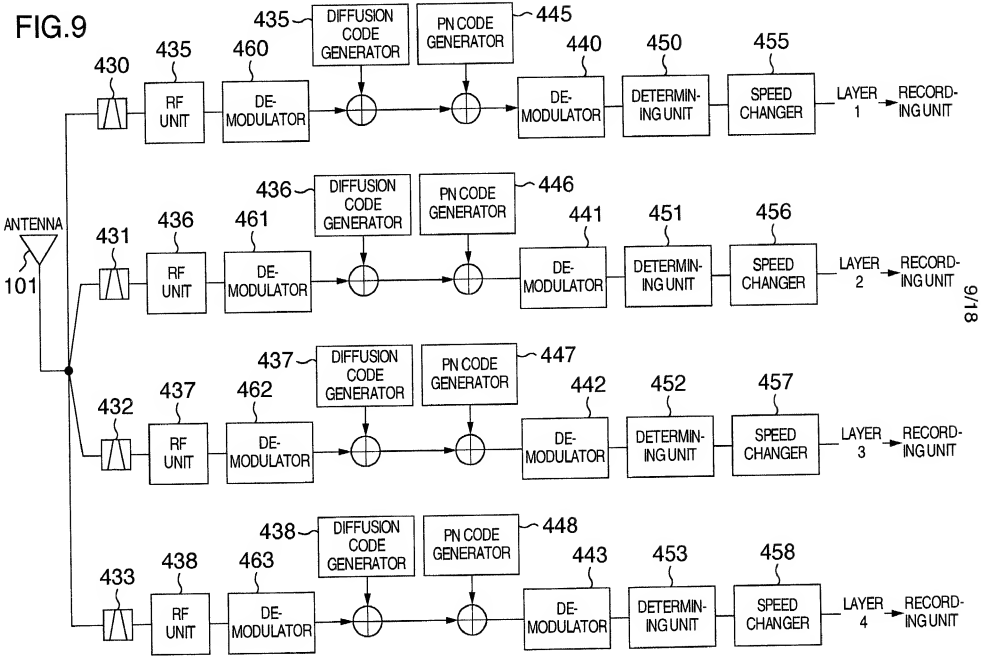
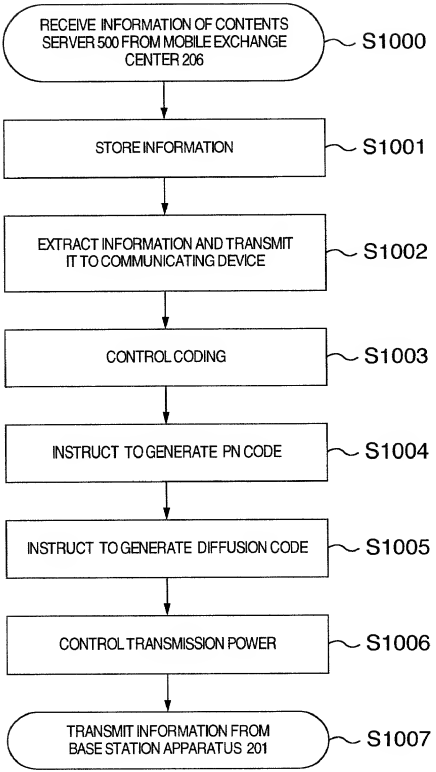
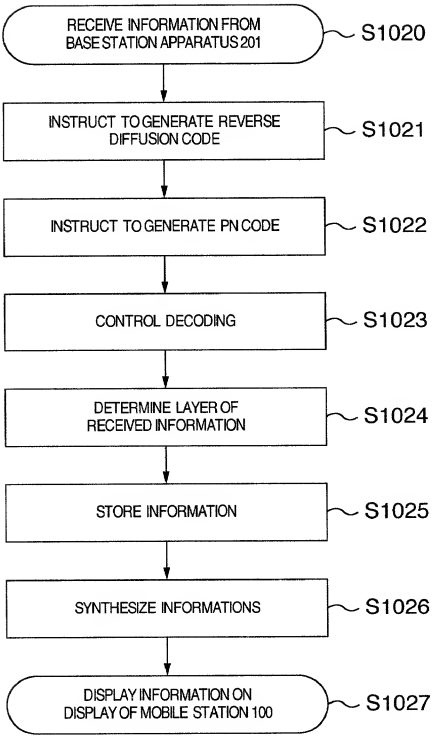

ANTENNA
101
430
431
432
433
435
436
437
438
RF UNIT
460
461
462
463
DE-MODULATOR
435
DIFFUSION CODE GENERATOR
436
437
438
PN CODE GENERATOR
445
446
447
448
440
441
442
443
DE-MODULATOR
450
451
452
453
DETERMINING UNIT
455
456
457
458
SPEED CHANGER
LAYER 1
LAYER 2
LAYER 3
LAYER 4
RECORDING UNIT

FIG.10



EP 0 935 363 A1 19990811

FIG.11



EP 0 880 293 A1 19981125

FIG.12A

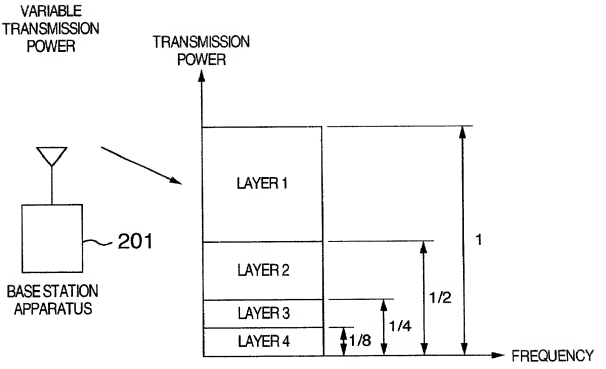
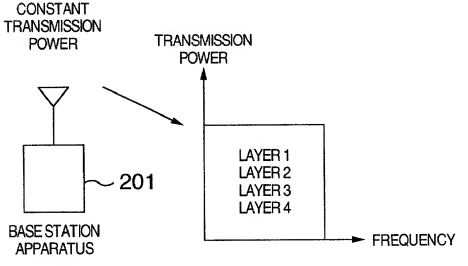


FIG.12B



EP 0 705 051 A1

FIG.13A

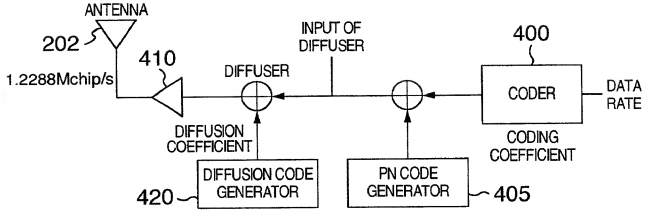


FIG.13B

DATA RATE

No.	DATA RATE	ANTENNA	DIFFUSION COEFFICIENT	INPUT OF DIFFUSER	CODING COEFFICIENT
1	9.6kbit/s	1.2288Mchip/s	64	19.2kbit/s	2
2	19.2kbit/s	1.2288Mchip/s	32	38.4kbit/s	2
3	38.4kbit/s	1.2288Mchip/s	16	76.8kbit/s	2
4	76.8kbit/s	1.2288Mchip/s	8	153.6kbit/s	2

FIG.13C

CODING COEFFICIENT

No.	DATA RATE	ANTENNA	DIFFUSION COEFFICIENT	INPUT OF DIFFUSER	CODING COEFFICIENT
1	9.6kbit/s	1.2288Mchip/s	64	19.2kbit/s	2
2	9.6kbit/s	1.2288Mchip/s	32	38.4kbit/s	4
3	9.6kbit/s	1.2288Mchip/s	16	76.8kbit/s	8

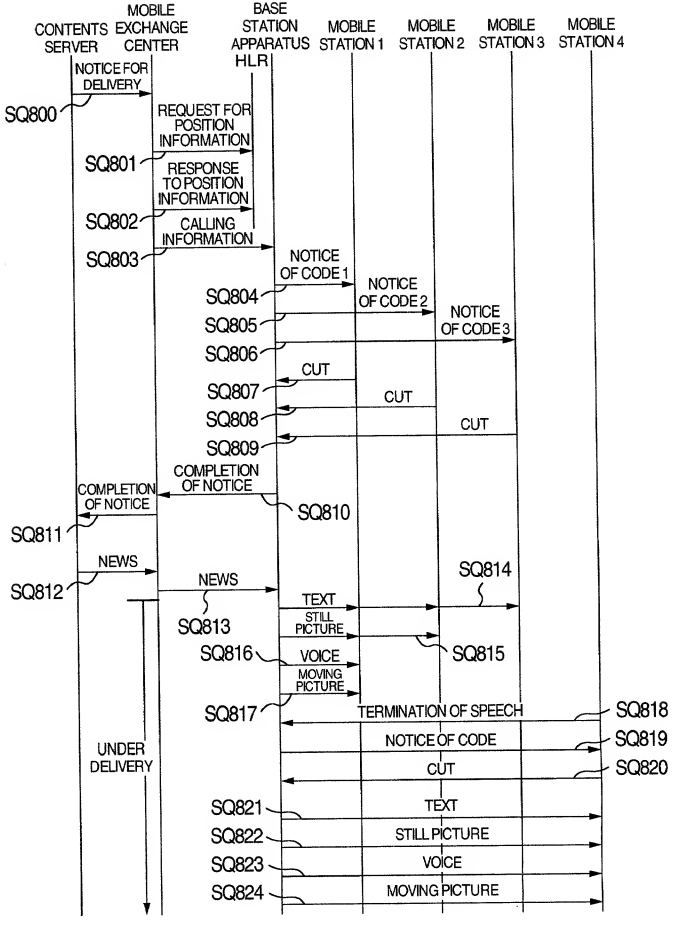
FIG.13D

TRANSMISSION TIME

No.	DATA RATE	ANTENNA	DIFFUSION COEFFICIENT	INPUT OF DIFFUSER	CODING COEFFICIENT
1	9.6kbit/s	1.2288Mchip/s	64	19.2kbit/s	2
2	19.2kbit/s (TIME RATE=1/2)	1.2288Mchip/s	32	38.4kbit/s	2

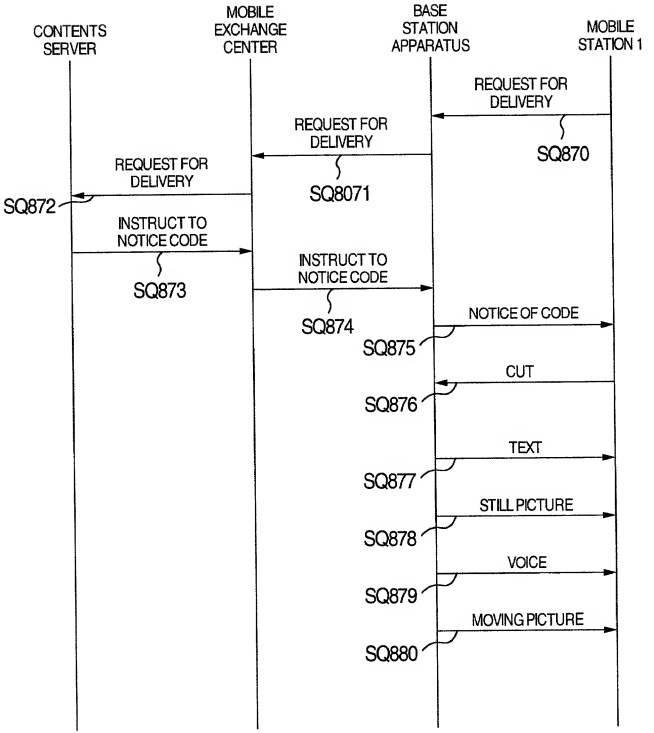
EP 0 907 263 A2

FIG.14



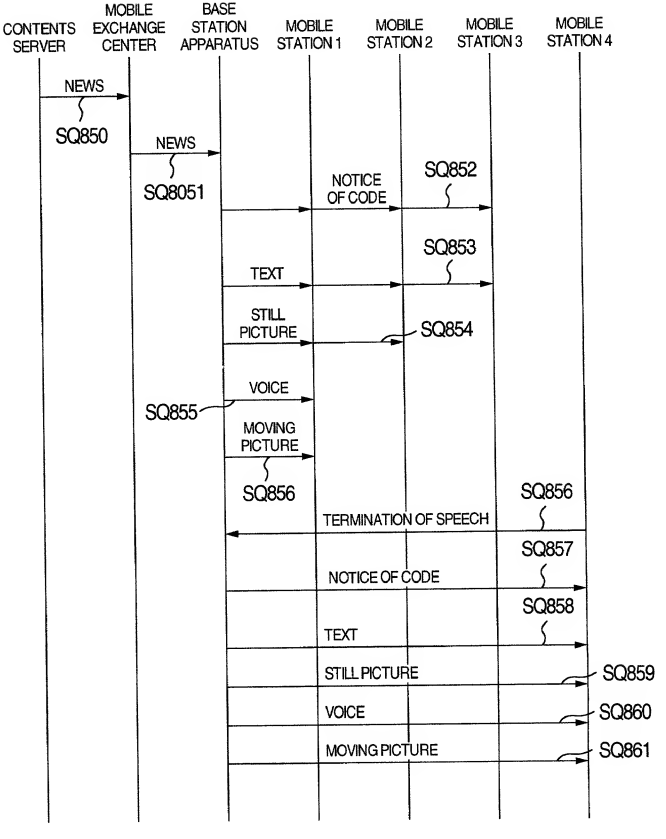
09995263.070501

FIG.15



EP 0 907 093 A2

FIG.16



EP 0 907 263 A2

FIG.17A

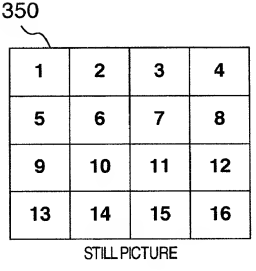


FIG.17B

LAYER 1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
LAYER 2	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8
LAYER 3	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4
LAYER 4	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12

EP 0 926 860 A1

FIG.18A

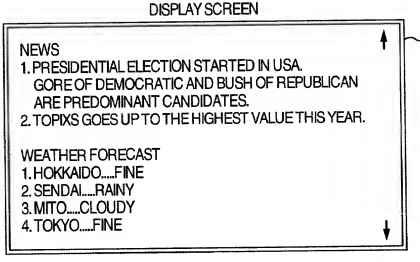


FIG.18B

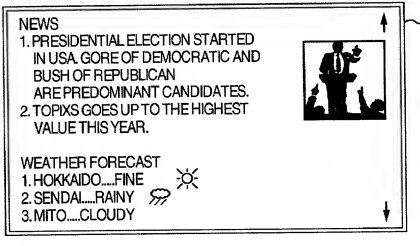
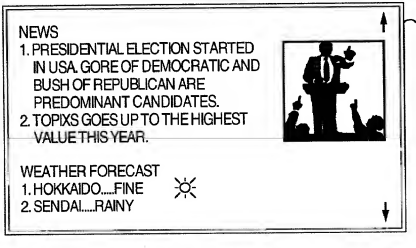


FIG.18C



08992653 "070801